Index of Claims

| Application/Con | trol | No |
|-----------------|------|----|
|-----------------|------|----|

Applicant(s)/Patent under Reexamination

10/671,721

Rosanne Kosson

IMAIZUMI ET AL. Art Unit

Examiner

1651

Rejected **Allowed** 

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ţ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

|             |          | ,        |          |          |   |      |          |          |   |   |     |       |          |          |        |        |          |          |   |
|-------------|----------|----------|----------|----------|---|------|----------|----------|---|---|-----|-------|----------|----------|--------|--------|----------|----------|---|
| Cla         | aim_     | Ļ        | _        |          | ! | Date | <u>e</u> |          |   |   |     | . Cla | im       |          |        | 1      | Date     | <u> </u> |   |
| Final       | Original | 4119108  |          |          |   |      |          |          |   |   |     | Final | Original |          |        |        |          |          |   |
|             | 1        | 7.       | Г        |          | Г |      |          |          |   |   |     |       | 51       |          |        |        |          | П        | _ |
|             | 2        | İΤ       |          | _        | ┢ |      |          | $\vdash$ | П |   |     |       | 52       | $\sqcap$ | ╅      | +      |          | Н        | _ |
|             | 3        | П        |          |          |   |      |          |          |   |   |     |       | 53       | $\sqcap$ |        |        |          |          |   |
|             | 4        | П        |          |          |   |      |          |          |   |   |     |       | 54       | П        | 7      | 1      |          |          |   |
|             | 5        | П        |          |          |   |      |          |          |   |   |     |       | 55       |          | T      | T      |          |          | _ |
|             | 6        | П        |          |          |   | Г    |          |          |   |   |     |       | 56       | $\Box$   |        | T      |          |          |   |
|             | 7        | П        |          |          |   |      |          |          |   |   |     |       | 57       |          |        | $\top$ |          |          | - |
|             | 8        | $\sqcap$ | Г        |          |   |      |          |          |   |   |     |       | 58       | $\Box$   |        | T      |          |          | • |
|             | 9        | П        |          | Г        |   |      |          |          |   |   |     |       | 59       |          |        | 1      |          | П        |   |
|             | 10       | П        |          |          |   | Г    |          |          |   |   |     |       | 60       |          | 1      | T      | Π        | $\Box$   |   |
|             | 11       | $\Pi$    |          |          |   | Г    |          |          |   |   |     |       | 61       |          | T      |        |          |          | _ |
|             | 12       | П        |          |          |   |      |          |          |   |   |     |       | 62       |          |        |        |          | П        |   |
|             | 13       | П        | $\Box$   |          |   | Г    |          |          |   |   |     |       | 63       |          |        | T      | Г        |          | _ |
|             | 14       | Ħ        |          |          |   |      |          |          |   |   |     |       | 64       | $\vdash$ |        | T      |          | П        |   |
|             | 15       | $\sqcap$ |          |          |   |      | Г        |          |   |   |     |       | 65       |          | $\top$ | 1      | Г        |          |   |
|             | 16       | $\sqcap$ |          |          | Т | Т    |          | $\vdash$ |   |   |     |       | 66       |          | $\top$ | T      | Г        | $\Box$   | - |
| -           | 17       | IT       |          |          |   |      |          | $\vdash$ |   |   |     |       | 67       | $\Box$   | 1      | 1      | t        | П        |   |
| <del></del> | 18       | T        | T        |          |   |      |          | $\vdash$ |   |   | 1   |       | 68       |          | _      | 1      | T-       |          |   |
|             | 19       | ΙT       |          |          |   |      |          |          |   |   | 1   |       | 69       |          |        | T      |          | $\Box$   |   |
|             | 20       | 17       | $\vdash$ |          |   |      |          | $\vdash$ |   | _ | 1   |       | 70       | $\Box$   | $\top$ | T      |          |          | - |
|             | 21       | ΙT       |          |          | l |      |          | Г        |   |   | ĺ   |       | 71       |          | 1      | T      |          | П        |   |
|             | 22       | W        | Τ        |          |   |      |          | Г        |   |   | 1   |       | 72       | $\Box$   |        |        |          | П        |   |
|             | 23       | 7.       |          | Т        |   | П    |          | Т        |   |   | 1   |       | 73       |          |        | T      | Г        | П        |   |
|             | 24       | Ė        | Т        |          | П | Г    | Г        | $\vdash$ |   |   | 1   |       | 74       |          |        | Ť      | $\vdash$ |          |   |
|             | 25       | Г        | Т        | $\vdash$ | Г |      |          | $\vdash$ |   | - |     |       | 75       |          | 1      | t      |          | $\Box$   |   |
|             | 26       | T        | T        |          |   |      | Г        |          |   |   |     |       | 76       |          | 1      | 1      |          | П        |   |
|             | 27       | T        | П        |          |   | T    |          |          |   | _ |     | •     | 77       |          | 1      | T      |          | П        |   |
|             | 28       | $\vdash$ |          |          | Г |      | Г        |          |   |   |     |       | 78       |          | 1      | 1      |          | $\Box$   |   |
|             | 29       |          |          |          |   |      |          |          |   |   |     |       | 79       |          | 1      |        |          | H        |   |
|             | 30       |          |          |          |   |      |          |          |   |   |     |       | 80       |          | 1      |        |          | $\Box$   |   |
|             | 31       |          |          |          |   |      |          |          |   |   |     |       | 81       |          |        | $\top$ |          |          |   |
|             | 32       | Г        |          |          |   |      |          |          |   |   |     |       | 82       | $\Box$   |        |        |          | П        |   |
|             | 33       | T        |          |          |   |      |          |          |   |   |     |       | 83       | П        | 1      | T      |          | П        |   |
|             | 34       |          |          |          |   | Г    |          | Г        |   |   |     |       | 84       |          | T      | 1      |          |          |   |
|             | 35       | Π        | T        |          |   | Г    | Г        |          |   |   |     |       | 85       |          | T      |        |          | $\Box$   |   |
|             | 36       |          | Π        |          |   |      |          | Г        |   |   |     |       | 86       | $\Box$   | T      | T      | Г        | $\Box$   | • |
|             | 37       | Π        | Γ        |          |   | П    | Г        | Г        |   |   |     |       | 87       |          |        | T      | П        | П        |   |
|             | 38       | Г        | Г        |          |   |      | П        | Г        |   |   |     |       | 88       | $\sqcap$ | T      | T      | Г        | П        | - |
|             | 39       |          |          |          |   |      |          |          |   |   |     |       | 89       |          |        |        |          | П        |   |
|             | 40       |          |          |          |   |      |          |          |   |   | ı   |       | 90       |          |        |        |          |          |   |
|             | 41       |          |          |          |   |      |          |          |   |   |     |       | 91       |          |        |        |          |          | - |
|             | 42       |          |          |          |   |      |          |          |   |   |     |       | 92       |          |        |        |          |          |   |
|             | 43       | Г        |          |          |   | Г    | Г        | Г        |   |   |     |       | 93       |          | T      |        |          | П        |   |
|             | 44       | П        | Г        |          | П | Г    |          | Г        |   |   |     |       | 94       |          | 1      |        | Г        | $\Box$   |   |
|             | 45       |          |          |          |   |      | Π        |          |   |   |     |       | 95       |          | T      | T      |          | П        | • |
|             | 46       |          |          |          |   |      |          |          |   |   |     |       | 96       |          |        |        |          |          | • |
|             | 47       |          |          |          |   |      |          |          |   |   |     |       | 97       |          |        |        |          |          | • |
|             | 48       |          |          |          |   |      |          |          |   |   |     |       | 98       |          |        |        |          |          |   |
|             | 49       |          |          |          | Π |      |          |          |   |   |     |       | 99       |          |        |        | L        | $\Box$   | • |
|             | 50       |          |          |          |   |      |          |          |   |   |     |       | 100      |          |        |        |          |          | • |
|             |          |          |          |          |   |      |          | _        | _ |   | . ' |       |          |          |        |        |          |          | - |

| Claim        |  | Date     |          |          |          |              |          |          |          |              |  |
|--------------|--|----------|----------|----------|----------|--------------|----------|----------|----------|--------------|--|
|              |  |          |          |          |          |              |          |          |          |              |  |
| <u>a</u>     | na                                     |          |          |          |          |              |          |          |          |              |  |
| Final        | Original                               |          |          |          |          |              |          |          |          |              |  |
|              | 0                                      |          |          |          |          |              |          |          |          |              |  |
|              | 51                                     | Т        |          |          |          | -            |          |          |          |              |  |
|              | 51<br>52                               |          |          | _        |          | _            |          |          |          |              |  |
|              | 53                                     |          | $\vdash$ | $\vdash$ | _        | $\vdash$     | -        | $\vdash$ | _        |              |  |
|              | 54                                     | $\vdash$ |          | _        | -        |              |          | Н        | -        |              |  |
|              | 53<br>54<br>55                         |          |          |          |          |              | _        | $\vdash$ |          | 一            |  |
|              | 56                                     | $\vdash$ |          |          |          |              | _        | -        | -        |              |  |
| <b>—</b>     | 57                                     | $\vdash$ | _        | -        |          | $\vdash$     | _        | _        |          |              |  |
|              | 58                                     |          | -        | Н        | Н        | $\vdash$     | _        |          |          | _            |  |
| <del> </del> | 58<br>59                               | $\vdash$ | -        |          | -        | -            | _        | _        | _        | -            |  |
|              | 60                                     | $\vdash$ | _        |          | _        | $\vdash$     | -        | -        | _        |              |  |
| -            | 61                                     |          |          |          |          | -            | -        |          | _        | <del> </del> |  |
| $\vdash$     | 62                                     |          |          |          |          | _            |          |          |          | $\vdash$     |  |
| <b></b>      | 63                                     | -        | _        | -        | $\vdash$ | -            | -        | -        |          | -            |  |
|              | 64                                     | $\vdash$ | -        | -        |          | -            | $\vdash$ | $\vdash$ | -        | $\vdash$     |  |
| $\vdash$     | 64<br>65                               | -        |          | H        | Η-       | $\vdash$     | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$     |  |
|              | 66                                     | -        |          | -        | -        | -            | $\vdash$ |          | -        |              |  |
|              | 66<br>67                               | <u> </u> |          | -        |          | -            | $\vdash$ | $\vdash$ | -        | -            |  |
|              | 68                                     | _        | -        | _        | -        | -            | -        | -        | -        | -            |  |
|              | 60                                     | _        | $\vdash$ | -        | -        | ├-           | $\vdash$ | $\vdash$ |          | -            |  |
| -            | 70                                     | _        | H        | $\vdash$ | ┝        |              | _        | -        |          | -            |  |
|              | 69<br>70<br>71                         | _        | ⊢        | ⊢        | ┝        | <u> </u>     | _        | H        | -        | -            |  |
| -            | 71                                     |          | $\vdash$ | _        | ⊢        | ⊢            |          | Н        | $\vdash$ |              |  |
|              | 72                                     | _        | $\vdash$ | $\vdash$ | ⊢        | $\vdash$     | $\vdash$ | _        | $\vdash$ | -            |  |
|              | 72<br>73<br>74<br>75<br>76<br>77<br>78 | _        | ⊢        | ⊢        | <u> </u> |              | _        | $\vdash$ | _        | _            |  |
|              | 75                                     |          |          | <u> </u> | _        | -            |          |          |          | -            |  |
|              | 75                                     | <u> </u> | -        | <u> </u> | _        | _            |          |          | -        |              |  |
|              | 77                                     | _        | H        | _        | _        | $\vdash$     |          |          |          |              |  |
| <u> </u>     | 70                                     | _        | -        | _        |          | ┝            | -        | _        |          | -            |  |
|              | 70                                     | _        |          | ۰.       |          | -            | $\vdash$ | _        |          | -            |  |
| <u> </u>     | 79                                     | <u> </u> | $\vdash$ |          |          |              |          |          | -        | -            |  |
|              | 80<br>81                               |          |          | <u> </u> |          | <u> </u>     |          | _        |          | $\vdash$     |  |
| -            | 81                                     | $\vdash$ |          | Н        |          | <u> </u>     | _        |          |          | _            |  |
| <u> </u>     | 82<br>83                               | _        |          |          |          | ⊢            | _        |          | _        | <u> </u>     |  |
|              | 83                                     | $\vdash$ | _        |          |          | _            | _        |          |          | -            |  |
| -            | 84                                     |          | _        |          | _        | _            | -        |          |          |              |  |
| -            | 85                                     |          |          |          |          | _            | _        | _        | _        | $\vdash$     |  |
| $\vdash$     | 86                                     | _        |          | _        |          | _            | _        | _        | _        | $\vdash$     |  |
| <u> </u>     | 87                                     | _        |          | _        |          | <u> </u>     | _        | _        |          | $\vdash$     |  |
| $\vdash$     | 88<br>89                               |          |          |          |          |              |          |          |          |              |  |
| <u> </u>     | 89                                     |          |          |          |          |              | _        | _        |          |              |  |
|              | 90                                     | $\vdash$ | $\vdash$ | $\vdash$ | H        | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     |  |
| <b> </b>     | 91                                     | _        | _        | <u> </u> | Щ        | <u> </u>     | -        | _        | $\vdash$ | $\vdash$     |  |
| <u> </u>     | 92                                     | $\vdash$ | <u> </u> | <u> </u> | <b> </b> | <u> </u>     |          | <u> </u> | <u> </u> | <u> </u>     |  |
|              | 93                                     |          |          |          | <u> </u> | <u> </u>     |          | _        | -        | $\vdash$     |  |
| -            | 94                                     | H        | $\vdash$ | <u> </u> | <u> </u> | -            | $\vdash$ |          |          | <u> </u>     |  |
| $\vdash$     | 95                                     | H        | $\vdash$ | ۳        |          | <del> </del> | $\vdash$ | $\vdash$ | H        | -            |  |
| $\vdash$     | 96                                     | H        | <u> </u> | Щ.       | <u> </u> | -            | H        | $\vdash$ | $\vdash$ | $\vdash$     |  |
|              | 97                                     |          | -        | <u> </u> | -        | ├-           | Щ        | $\vdash$ | $\vdash$ | $\vdash$     |  |
|              | 98                                     | <u> </u> | _        | <u> </u> | <u> </u> |              | Ь.       | Ь.       |          | <u> </u>     |  |
|              | 99                                     | <u> </u> | _        | <u> </u> | <u> </u> | <u> </u>     | <u> </u> |          |          | _            |  |
| 1            | 171111                                 |          |          |          |          |              |          |          |          |              |  |

| Cla   | aim  |          |          |                                     | - (      | Date     |  |              | _        | $\neg$         |
|-------|--|----------|----------|-------------------------------------|----------|----------|--|--------------|----------|----------------|
|       |  |          |          |                                     |          |          |  |              |          |                |
| Final | Original   |          |          |                                     |          |          |  |              |          |                |
|       | 101  |          | _        |                                     |          | -        | $\vdash$   | -            |          | $\vdash$       |
|       | 101<br>102<br>103<br>104<br>105                      |          |          |                                     | _        |          |  |              |          | $\dashv$       |
|       | 103  |          |          |                                     |          |          |  |              |          | М              |
|       | 104  |          |          |                                     |          |          | Г  |              |          | П              |
|       | 105  |          |          |                                     |          |          |  |              |          |                |
|       | 106  |          |          |                                     |          |          |  |              |          |                |
|       | 107<br>108   |          |          | <u>_</u>                            |          |          | L  |              |          | Щ              |
|       | 108  |          |          |                                     |          |          | L  |              |          | Ш              |
|       | 109<br>110   | _        |          | <u> </u>                            | <u> </u> | Щ        | ╙  | _            |          | Щ              |
|       | 110  | _        | _        | <u> </u>                            | <u> </u> | H        | ⊢  |              | $\vdash$ | Н              |
|       | 111  | _        | _        | _                                   | ⊢        | $\vdash$ | ⊢  | _            |          | $\dashv$       |
|       | 112  | -        | _        | $\vdash$                            | $\vdash$ | $\vdash$ | $\vdash$   | _            | -        | Н              |
|       | 113  | H        | -        | $\vdash$                            | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash\vdash$ |
|       | 115  | -        | -        | -                                   | -        |          | $\vdash$   | $\vdash$     | -        | $\dashv$       |
|       | 112<br>113<br>114<br>115<br>116<br>117               | H        | Н        | $\vdash$                            | Н        | Н        | $\vdash$   | $\vdash$     | Н        | $\dashv$       |
|       | 117  |          |          |                                     |          |          | <del>                                     </del> |              |          | H              |
|       | 118  |          |          |                                     |          |          |  |              |          | т              |
|       | 118<br>119   |          |          |                                     |          |          |  |              |          |                |
|       | 120  |          |          |                                     |          |          |  |              |          |                |
|       | 121  |          |          |                                     |          |          |  |              |          |                |
|       | 122  | _        |          |                                     | <u>_</u> |          | <u>_</u>   |              | _        | Ц              |
|       | 123  | _        | _        | _                                   | _        |          | <u> </u>   | <u> </u>     | _        | $\Box$         |
|       | 120<br>121<br>122<br>123<br>124<br>125               | <u> </u> | <u> </u> | ļ                                   |          |          | _  | _            |          | $\sqcup$       |
|       | 125  |          |          |                                     |          |          | <u> </u>   | _            | _        | $\square$      |
|       | 120  | $\vdash$ | _        | <u> </u>                            | <u> </u> | -        | -  | $\vdash$     | _        | $\dashv$       |
|       | 126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 | -        | -        | -                                   | <u> </u> |          | ┝  | $\vdash$     | -        | $\dashv$       |
|       | 129  |          |          | _                                   | -        | -        | -  | $\vdash$     | -        | Н              |
|       | 130  | _        |          | _                                   | $\vdash$ |          |  |              | Н        | Н              |
|       | 131  |          | $\vdash$ |                                     |          |          | $\vdash$   | Н            |          | $\vdash$       |
|       | 132  |          |          |                                     |          |          | $\vdash$   |              |          | П              |
|       | 133  |          |          |                                     |          |          |  |              |          |                |
|       | 134<br>135   |          |          |                                     |          |          |  |              |          |                |
|       | 135  |          | L        | <u> </u>                            | L        | L        |  | $oxed{\Box}$ |          | Ш              |
|       | 136<br>137<br>138                                    | L        | L        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | L        | $\vdash$   | $oxed{oxed}$ | L        | Щ              |
|       | 137  | _        | $\vdash$ | <u> </u>                            | ╙        |          | <u> </u>   | _            | _        | Щ              |
|       | 138  | Ļ.       | <u> </u> |                                     | <u> </u> | H        | ⊢  | H            | -        | $\vdash$       |
|       | 139<br>140   | <u> </u> | <u> </u> | ⊢                                   |          | -        |  | $\vdash$     | $\vdash$ | $\vdash\dashv$ |
|       | 141  | $\vdash$ | $\vdash$ |                                     | $\vdash$ | $\vdash$ | ⊢  | $\vdash$     | $\vdash$ | dash           |
|       | 142  | ⊢        | $\vdash$ | $\vdash$                            | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$       |
|       | 143  | Η-       | $\vdash$ |                                     | $\vdash$ | Н        | $\vdash$   | $\vdash$     | Н        | $\dashv$       |
|       | 144  | $\vdash$ | $\vdash$ | <u> </u>                            | ┢        | М        |  |              | Т        | Н              |
|       | 145  |          | Т        | T                                   | Г        | П        | $\vdash$   |              |          | $\Box$         |
|       | 146  |          |          |                                     | Г        |          | $\Box$   | Π            |          |                |
|       | 147  |          |          |                                     |          |          |  |              |          |                |
|       | 148  |          |          |                                     |          |          |  |              |          |                |
|       | 149  |          |          |                                     |          |          |  |              |          |                |
|       | 150  | L        | L.       |                                     | L        |          |  | L            |          |                |